

HOW IDOT IS GOING GREEN

Major steps taken to reduce pollution during the reconstruction of the Dan Ryan and Kingery Expressways

- Installation of equipment to monitor air quality at numerous locations
 - Proactive dust control
- Diesel powered equipment was retrofitted with emission control devices and used ultra-low sulfur diesel
 - Restrictions placed on how long diesel equipment could idle
- Educational awareness campaign to the community on asthma and other related conditions
- Heralded as a national model for environmental approach to highway reconstruction projects by the U.S. Environmental Protection Agency

Recycling plays a large part in IDOT's green initiatives

- Utilize an aluminum sign recycling program that recycles 45,000 to 50,000 highway and freeways signs annually
 - Program saves 190,000 gallons of water
 - Conserves over 427,000 pounds of aluminum
 - Saves the state over \$600,000 a year
- Recycling of barricades, oil, anti-freeze, paper, toner cartridges, etc.
- Recycle 1,000 tons of scrap rubber picked up along state highways, which is sold and made into playground mats and other products
- Recycle broken concrete and asphalt pavement materials to use aggregates in construction material

Adopt-A-Highway: Love the Land of Lincoln

- 17,000 Adopt-A-Highway Volunteers
- 3,400 miles of highway adopted
- 32,000 bags of litter removed each year

Green Purchasing

- Trucks that use low sulfur emission biodiesel
- Pilot program using hybrid Ford escapes
 - Use of E-85 capable vehicles

- Converting from incandescent bulbs to LEDs on 6,250 traffic signals to conserve energy and reduce maintenance costs



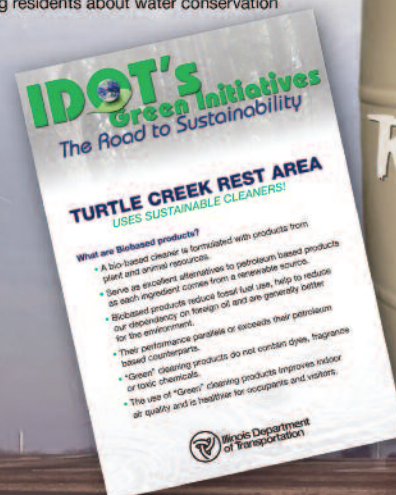
IDOT awarded "Best Innovative Project" from the Green Government Coordinating Council for our initiatives including

- Website www.GettingAroundIllinois.com
- Blue Board Signage – signs by interstate exits
- Large display maps in rest areas – indicate locations where Biofuels can be obtained
- 4 page Biofuels Pamphlet – indicates the city and address of Biofuel station locations
- 2007-2008 State Map – includes a color coded legend that indicates the cities that have Biofuels stations located there
- Study of Wind Turbine Use - University of Illinois at Chicago conducting a feasibility study for the possible use of wind turbines to supply energy to selected rest areas in Illinois

A Rain Barrel connected to your downspout is a great way to keep storm water out of the system and to cut down your water bill. Because you are collecting right off the roof, it has few contaminants and is perfect for watering the garden.

Rain Barrel Sustainability Benefits:

- Reduces the volume of water flowing to the sewer treatment facility
- Lowers the percentage of roof top rainfall as a component of urban runoff
- Backup source of water during times of drought or between rain showers
- Helps to keep our creeks and beaches clean
- Naturally softened water - great for delicate houseplants, auto cleaning and window washing
- Saves money by lowering your water bill
- Reduces the need for additional tax dollars earmarked for sewer expansion
- Chlorine-free water helps maintain a healthy biotic community in the soil
- Educational tool for teaching residents about water conservation

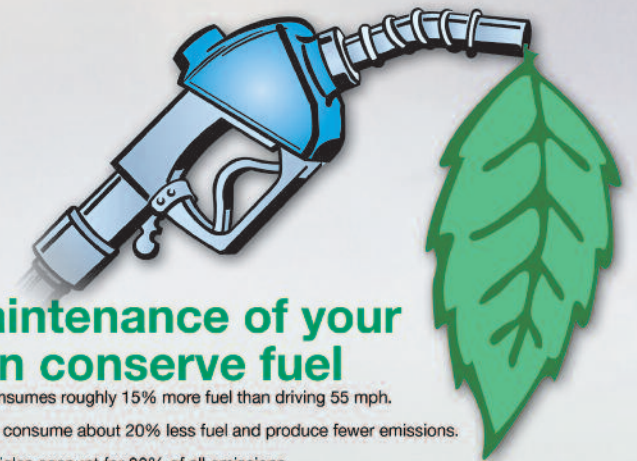


IDOT's Green Initiatives

The Road to Sustainability



The mission of the Illinois Department of Transportation is to provide safe, cost effective transportation for Illinois in ways that enhance quality of life, promote economic prosperity and demonstrate respect for our environment.



Proper Maintenance of your vehicle can conserve fuel

- Driving a vehicle 65 mph, consumes roughly 15% more fuel than driving 55 mph.
- A properly tuned vehicle can consume about 20% less fuel and produce fewer emissions.
- Older, poorly maintained vehicles account for 90% of all emissions.
- If your wheels are just 1/4 of inch out of alignment, this is another factor that affects rolling resistance, which can affect your gas mileage up to 2%.
- Gas mileage drops about 1% for every pound of tire pressure below the recommended level.
- Keep your tires properly inflated and check them frequently.
- You can improve your gas mileage by 1-2% by using the manufacturer's recommended grade for motor oil. For example, using 10W-30 motor oil in your engine can help give you better gas mileage.
- Check your air filter regularly as a badly clogged air filter can reduce fuel economy by 10%.

Environmentally Friendly facts to keep in mind when purchasing a vehicle

- When replacing a vehicle, see if it can be downsized; 8 cylinder engine to a 4 cylinder, full size to a mid size, etc.
- When buying a car, the difference between cars getting 20 mpg or 30 mpg can save an average of \$750 per year on fuel costs and will reduce carbon emissions. Checking the mpg and engine size of a car before you purchase it can save you money in the long run.



Conserve gas while driving

- Aggressive driving (speeding, rapid acceleration and braking) wastes gas, it can lower your gas mileage by 33% at highway speeds and by 5% around town.
- Try your best to avoid fast starts and stops, accelerate smoothly, maintain even speeds and coast to stops.
- In the city, acceleration accounts for nearly 50% of a vehicle's energy.
- Review driving routes and time travel to avoid congestion and unnecessary idling.
- Try to avoid rush hour traffic. The stop and go movements and slow speeds use a lot of unnecessary gas.
- Review driving routes for shortest distance
- Limit the use of your air conditioner. Running the air conditioner in your car consumes more than a gallon of gasoline for each tank you burn.
- Using cruise control on the highway helps to maintain a constant speed on the highway, and in most cases, will save gas.
- When you use overdrive gearing, your car's engine speed goes down. Using the overdrive gear saves gas and reduces wear and tear on the engine.



Other Modes of Transportation

- Consider using public transit if it is available and convenient for you. It will save you time and money.
- Riding a bicycle or walking to certain destinations can save you money in gas and be healthy for you at the same time.